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PA - (OSTO ) OSAKA TOKUSHU GOKIN KK

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AB - J59197345 Molten ferrosilicon alloy consisting of rare earth metal 3-40%, Si 20-80% and the balance Fe is cast into a block, placed in a recess provided within a sand mould for the cast iron. Molten grey cast iron is poured into the sand mould for contact reaction with the REM ferrosilicon block. The REM ferrosilicon alloy has impurities of Al, Ca, Ba, Mg and Sr up to 6% in total, Ti, Pb, Zn and Zr up to 5% in total and Ni, Cr, Cu, Sn, Sb, Mn, B, V and other elements to imparting strong toughness by less than 15% in total.

- ADVANTAGE - Inoculation effect of Si and graphite reformation effect of REM function simultaneously in short time of 15-40 sec. to provide sound cast iron free of carbide.

IW - MANUFACTURE VERMICULAR GRAPHITE CAST IRON FERROSILICON CONTAIN PREDETERMINED AMOUNT RARE EARTH ELEMENT

IKW - MANUFACTURE VERMICULAR GRAPHITE CAST IRON FERROSILICON CONTAIN PREDETERMINED AMOUNT RARE EARTH ELEMENT

NC - 001

OPD - 1983-04-22

ORD - 1984-11-08

PAW - (OSTO ) OSAKA TOKUSHU GOKIN KK

TI - Mfg. vermicular graphite cast iron - involves use of ferrosilicon contg. predetermined amt. of rare earth elements